

STATUS TABLES FOR  
SW-846, THIRD EDITION

ADDRESSES METHODS FOUND IN:

FINAL UPDATES I, II, IIA, IIB, III, AND IIIA  
DRAFT UPDATES IVA AND IVB

OTHER DRAFT METHODS AT THE OSW METHODS WEB SITE AS OF OCTOBER 2002  
AND PROPOSED UPDATE IIIB

REVISED OCTOBER 2002

## **HOW TO USE THIS DOCUMENT**

This document provides historical status information on EPA-published draft, proposed, and final SW-846 methods and chapters. It contains two status tables, namely; the "SW-846 Method Status Table," which is a listing of SW-846 methods; and the "Status Table for SW-846 Chapter Text and Other Documents", which lists all other documents in SW-846.

Use the "SW-846 Method Status Table" as a reference guide to identify the historical and current status of published SW-846 methods. Methods in this status table are listed sequentially by method number. Use the "Status Table for SW-846 Chapter Text and Other Documents" as a reference guide to identify the historical and current status of published chapters and other SW-846 documents (e.g., the Disclaimer).

**Do not** use a status table as a guide for putting together a paper version of SW-846. Refer to the "Table of Contents" of the update for the order in which chapters and methods should appear in SW-846.

**SW-846 METHOD STATUS TABLE**

October 2002

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
0010	--	--	--	--	--	--	--	Modified Method 5 Sampling Train	0010 Rev 0 (9/86)
--	--	--	0011 (Up. III)	--	--	--	--	Sampling for Selected Aldehyde and Ketone Emissions from Stationary Sources	0011 Rev 0 (12/96)
0020	--	--	--	--	--	--	--	Source Assessment Sampling System (SASS)	0020 Rev 0 (9/86)
--	--	--	0023A (Up. III) (Revision of Method 23, 40 CFR Part 60)	--	--	--	--	Sampling Method for Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofuran Emissions from Stationary Sources	0023A Rev 1 (12/96)
--	--	--	--	--	--	25D Referral	--	Determination of the Volatile Organic Content of Waste Samples	See 40 CFR 60, App. A
--	--	--	--	--	--	25E Referral	--	Determination of Vapor Phase Organic Concentration in Waste Samples	See 40 CFR 60, App. A
0030	--	--	--	--	--	--	--	Volatile Organic Sampling Train	0030 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	0031 (Up. III)	--	--	--	--	Sampling Method for Volatile Organic Compounds (SMVOC)	0031 Rev 0 (12/96)
--	--	--	0040 (Up. III)	--	--	--	--	Sampling of Principal Organic Hazardous Constituents from Combustion Sources Using Tedlar® Bags	0040 Rev 0 (12/96)
--	--	--	0050 (Up. III)	--	--	--	--	Isokinetic HCl/Cl <sub>2</sub> Emission Sampling Train	0050 Rev 0 (12/96)
--	--	--	0051 (Up. III)	--	--	--	--	Midget Impinger HCl/Cl <sub>2</sub> Emission Sampling Train	0051 Rev 0 (12/96)
--	--	--	0060 (Up. III)	--	--	--	--	Determination of Metals in Stack Emissions	0060 Rev 0 (12/96)
--	--	--	0061 (Up. III)	--	--	--	--	Determination of Hexavalent Chromium Emissions from Stationary Sources	0061 Rev 0 (12/96)
--	--	--	0100 (Up. III)	--	--	--	--	Sampling for Formaldehyde and Other Carbonyl Compounds in Indoor Air	0100 Rev 0 (12/96)
--	--	--	--	--	--	207-1 Referral	--	Sampling Method for Isocyanates	Not Promulgated

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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--	--	--	--	--	--	207-2 Referral	--	Analysis for Isocyanates by High Performance Liquid Chromatography (HPLC)	Not Promulgated
1010	--	--	--	1010A	--	--	--	Pensky-Martens Closed-Cup Method for Determining Ignitability	1010 Rev 0 (9/86)
1020	1020A	--	--	1020B	--	--	--	1020A (Promulgated): Setaflash Closed-Cup Method for Determining Ignitability  1020B (Proposed Up. IIIB): Small Scale Closed-Cup Method for Determining Ignitability	1020A Rev 1 (7/92)
--	--	--	1030 (Up. III)	--	--	--	--	Ignitability of Solids	1030 Rev 0 (12/96)
--	--	--	--	--	--	1040	--	Test Method for Oxidizing Solids	Not Promulgated
--	--	--	--	--	--	1050	--	Test Methods to Determine Substances Likely to Spontaneously Combust	Not Promulgated
1110	--	--	--	1110A	--	--	--	Corrosivity Toward Steel	1110 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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--	--	--	1120 (Up. III)	--	--	--	--	Dermal Corrosion	1120 Rev 0 (12/96)
1310	1310A	--	--	1310B	--	--	--	Extraction Procedure (EP) Toxicity Test Method and Structural Integrity Test	1310A Rev 1 (7/92)
--	1311	--	--	--	--	--	--	Toxicity Characteristic Leaching Procedure	1311 Rev 0 (7/92)
--	--	1312 (Up. II)	--	--	--	--	--	Synthetic Precipitation Leaching Procedure	1312 Rev 0 (9/94)
1320	--	--	--	--	--	--	--	Multiple Extraction Procedure	1320 Rev 0 (9/86)
1330	1330A	--	--	--	--	--	--	Extraction Procedure for Oily Wastes	1330A Rev 1 (7/92)
3005	3005A	--	--	--	--	--	--	Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy	3005A Rev 1 (7/92)
3010	3010A	--	--	--	--	--	--	Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by FLAA or ICP Spectroscopy	3010A Rev 1 (7/92)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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--	--	3015 (Up. II)	--	--	3015A	--	--	Microwave Assisted Acid Digestion of Aqueous Samples and Extracts	3015 Rev 0 (9/94)
3020	3020A	--	--	--	--	--	--	Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by GFAA Spectroscopy	3020A Rev 1 (7/92)
--	--	--	3031 (Up. III)	--	--	--	--	Acid Digestion of Oils for Metals Analysis by Atomic Absorption or ICP Spectrometry	3031 Rev 0 (12/96)
3040	--	--	3040A (Up. III)	--	--	--	--	Dissolution Procedure for Oils, Greases, or Waxes	3040A Rev 1 (12/96)
3050	3050A	--	3050B (Up. III)	--	--	--	--	Acid Digestion of Sediments, Sludges, and Soils	3050B Rev 2 (12/96)
--	--	3051 (Up. II)	--	--	3051A	--	--	Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils	3051 Rev 0 (9/94)
--	--	--	3052 (Up. III)	--	--	--	--	Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices	3052 Rev 0 (12/96)
[3060, in the 2nd Ed.]	--	--	3060A (Up. III)	--	--	--	--	Alkaline Digestion for Hexavalent Chromium	3060A Rev 1 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
3500	3500A	--	3500B (Up. III)	--	--	3500C	--	Organic Extraction and Sample Preparation	3500B Rev 2 (12/96)
3510	3510A	3510B (Up. II)	3510C (Up. III)	--	--	--	--	Separatory Funnel Liquid-Liquid Extraction	3510C Rev 3 (12/96)
3520	3520A	3520B (Up. II)	3520C (Up. III)	--	--	--	--	Continuous Liquid-Liquid Extraction	3520C Rev 3 (12/96)
--	--	--	3535 (Up. III)	--	3535A	3535A (Replaces IVA version)	--	Solid-Phase Extraction (SPE)	3535 Rev 0 (12/96)
3540	3540A	3540B (Up. II)	3540C (Up. III)	--	--	--	--	Soxhlet Extraction	3540C Rev 3 (12/96)
--	--	3541 (Up. II)	--	--	--	--	--	Automated Soxhlet Extraction	3541 Rev 0 (9/94)
--	--	--	3542 (Up. III)	--	--	--	--	Extraction of Semivolatile Analytes Collected Using Method 0010 (Modified Method 5 Sampling Train)	3542 Rev 0 (12/96)
--	--	--	3545 (Up. III)	--	3545A	3545A (Replaces IVA version)	--	Pressurized Fluid Extraction (PFE)	3545 Rev 0 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	--	--	--	3546	--	Microwave Extraction	Not Promulgated
3550	--	3550A (Up. II)	3550B (Up. III)	--	--	3550C	--	Ultrasonic Extraction	3550B Rev 2 (12/96)
--	--	--	3560 (Up. III)	--	--	--	--	Supercritical Fluid Extraction of Total Recoverable Petroleum Hydrocarbons	3560 Rev 0 (12/96)
--	--	--	3561 (Up. III)	--	--	--	--	Supercritical Fluid Extraction of Polynuclear Aromatic Hydrocarbons	3561 Rev 0 (12/96)
--	--	--	--	--	3562	--	--	Supercritical Fluid Extraction of Polychlorinated Biphenyls (PCBs) and Organochlorine Pesticides	Not Promulgated
3580	3580A	--	--	--	--	--	--	Waste Dilution	3580A Rev 1 (7/92)
--	--	--	3585 (Up. III)	--	--	--	--	Waste Dilution for Volatile Organics	3585 Rev 0 (12/96)
3600	3600A	3600B (Up. II)	3600C (Up. III)	--	--	--	--	Cleanup	3600C Rev 3 (12/96)
3610	3610A	--	3610B (Up. III)	--	--	--	--	Alumina Cleanup	3610B Rev 2 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

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THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
3611	3611A	--	3611B (Up. III)	--	--	--	--	Alumina Column Cleanup and Separation of Petroleum Wastes	3611B Rev 2 (12/96)
3620	3620A	--	3620B (Up. III)	--	--	3620C	--	Florisil Cleanup	3620B Rev 2 (12/96)
3630	3630A	3630B (Up. II)	3630C (Up. III)	--	--	--	--	Silica Gel Cleanup	3630C Rev 3 (12/96)
3640	--	3640A (Up. II)	--	--	--	--	--	Gel-Permeation Cleanup	3640A Rev 1 (9/94)
3650	3650A	--	3650B (Up. III)	--	--	--	--	Acid-Base Partition Cleanup	3650B Rev 2 (12/96)
3660	3660A	--	3660B (Up. III)	--	--	--	--	Sulfur Cleanup	3660B Rev 2 (12/96)
--	--	3665 (Up. II)	3665A (Up. III)	--	--	--	--	Sulfuric Acid/Permanganate Cleanup	3665A Rev 1 (12/96)
3810	--	--	--	--	Noticed for removal from SW-846	--	--	Headspace	3810 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	--	--	--	3815	--	Screening Solid Samples for Volatile Organics	Not Promulgated
3820	--	--	--	--	--	--	--	Hexadecane Extraction and Screening of Purgeable Organics	3820 Rev 0 (9/86)
--	--	--	4000 (Up. III)	--	--	--	--	Immunoassay	4000 Rev 0 (12/96)
--	--	4010 (Up. IIA)	4010A (Up. III)	--	--	--	--	Screening for Pentachlorophenol by Immunoassay	4010A Rev 1 (12/96)
--	--	--	4015 (Up. III)	--	--	--	--	Screening for 2,4-Dichlorophenoxyacetic Acid by Immunoassay	4015 Rev 0 (12/96)
--	--	--	4020 (Up. III)	--	--	--	--	Screening for Polychlorinated Biphenyls by Immunoassay	4020 Rev 0 (12/96)
--	--	--	4030 (Up. III)	--	--	--	--	Soil Screening for Petroleum Hydrocarbons by Immunoassay	4030 Rev 0 (12/96)
--	--	--	4035 (Up. III)	--	--	--	--	Soil Screening for Polynuclear Aromatic Hydrocarbons by Immunoassay	4035 Rev 0 (12/96)
--	--	--	4040 (Up. III)	--	--	--	--	Soil Screening for Toxaphene by Immunoassay	4040 Rev 0 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	4041 (Up. III)	--	--	--	--	Soil Screening for Chlordane by Immunoassay	4041 Rev 0 (12/96)
--	--	--	4042 (Up. III)	--	--	--	--	Soil Screening for DDT by Immunoassay	4042 Rev 0 (12/96)
--	--	--	--	--	--	--	4025 (10/02)	Screening for Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans (PCDD/Fs) by Immunoassay	Not Promulgated
--	--	--	4050 (Up. III)	--	--	--	--	TNT Explosives in Soil by Immunoassay	4050 Rev 0 (12/96)
--	--	--	4051 (Up. III)	--	--	--	--	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) in Soil by Immunoassay	4051 Rev 0 (12/96)
--	--	--	--	--	--	4425	--	Screening Extracts of Environmental Samples for Planar Organic Compounds (PAHs, PCBs, PCDDs/PCDFs) by a Reporter Gene on a Human Cell Line	Not Promulgated
--	--	--	--	--	4500	--	--	Mercury in Soil by Immunoassay	Not Promulgated
--	--	--	--	--	4670	--	--	Triazine Herbicides as Atrazine in Water by Quantitative Immunoassay	Not Promulgated

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

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THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	5000 (Up. III)	--	--	--	--	Sample Preparation for Volatile Organic Compounds	5000 Rev 0 (12/96)
--	--	--	5021 (Up. III)	--	--	--	--	Volatile Organic Compounds in Soils and Other Solid Matrices Using Equilibrium Headspace Analysis	5021 Rev 0 (12/96)
5030	5030A	--	5030B (Up. III)	--	--	--	--	Purge-and-Trap for Aqueous Samples	5030B Rev 2 (12/96)
--	--	--	5031 (Up. III)	--	--	--	--	Volatile, Nonpurgeable, Water-Soluble Compounds by Azeotropic Distillation	5031 Rev 0 (12/96)
--	--	--	5032 (Up. III)	--	--	--	--	Volatile Organic Compounds by Vacuum Distillation	5032 Rev 0 (12/96)
--	--	--	5035 (Up. III)	--	--	--	5035A (7/02)	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples	5035 Rev 0 (12/96)
5040	--	5040A (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Analysis of Sorbent Cartridges from Volatile Organic Sampling Train (VOST): Gas Chromatography/Mass Spectrometry Technique	Deleted from SW-846
--	--	5041 (Up. II)	5041A (Up. III)	--	--	--	--	Analysis for Desorption of Sorbent Cartridges from Volatile Organic Sampling Train (VOST)	5041A Rev 1 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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--	--	5050 (Up. II)	--	--	--	--	--	Bomb Preparation Method for Solid Waste	5050 Rev 0 (9/94)
6010	6010A	--	6010B (Up. III)	--	--	6010C	--	Inductively Coupled Plasma-Atomic Emission Spectrometry	6010B Rev 2 (12/96)
--	--	6020 (Up. II)	--	--	6020A	--	--	Inductively Coupled Plasma - Mass Spectrometry	6020 Rev 0 (9/94)
--	--	--	--	--	6200	--	--	Field Portable X-Ray Fluorescence Spectrometry for the Determination of Elemental Concentrations in Soil and Sediment	Not Promulgated
--	--	--	--	--	6500	--	--	Dissolved Inorganic Anions in Aqueous Matrices by Capillary Ion Electrophoresis	Not Promulgated
--	--	--	--	--	6800	--	--	Elemental and Speciated Isotope Dilution Mass Spectrometry	Not Promulgated
7000	7000A	--	--	--	7000B	--	--	7000A (Promulgated): Atomic Absorption Methods  7000B (Draft Up. IVA): Flame Atomic Absorption Spectrophotometry	7000A Rev 1 (7/92)
--	--	--	--	--	7010	--	--	Graphite Furnace Atomic Absorption Spectrophotometry	Not Promulgated

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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7020	--	--	--	--	Noticed for removal from SW-846	--	--	Aluminum (Atomic Absorption, Direct Aspiration)	7020 Rev 0 (9/86)
7040	--	--	--	--	Noticed for removal from SW-846	--	--	Antimony (Atomic Absorption, Direct Aspiration)	7040 Rev 0 (9/86)
7041	--	--	--	--	Noticed for removal from SW-846	--	--	Antimony (Atomic Absorption, Furnace Technique)	7041 Rev 0 (9/86)
7060	--	7060A (Up. II)	--	--	Noticed for removal from SW-846	--	--	Arsenic (Atomic Absorption, Furnace Technique)	7060A Rev 1 (9/94)
7061	7061A	--	--	--	--	--	--	Arsenic (Atomic Absorption, Gaseous Hydride)	7061A Rev 1 (7/92)
--	--	7062 (Up. II)	--	--	--	--	--	Antimony and Arsenic (Atomic Absorption, Borohydride Reduction)	7062 Rev 0 (9/94)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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--	--	--	7063 (Up. III)	--	--	--	--	Arsenic in Aqueous Samples and Extracts by Anodic Stripping Voltammetry (ASV)	7063 Rev 0 (12/96)
7080	--	7080A (Up. II)	--	--	Noticed for removal from SW-846	--	--	Barium (Atomic Absorption, Direct Aspiration)	7080A Rev 1 (9/94)
--	7081	--	--	--	Noticed for removal from SW-846	--	--	Barium (Atomic Absorption, Furnace Technique)	7081 Rev 0 (7/92)
7090	--	--	--	--	Noticed for removal from SW-846	--	--	Beryllium (Atomic Absorption, Direct Aspiration)	7090 Rev 0 (9/86)
7091	--	--	--	--	Noticed for removal from SW-846	--	--	Beryllium (Atomic Absorption, Furnace Technique)	7091 Rev 0 (9/86)
7130	--	--	--	--	Noticed for removal from SW-846	--	--	Cadmium (Atomic Absorption, Direct Aspiration)	7130 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

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METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
7131	--	7131A (Up. II)	--	--	Noticed for removal from SW-846	--	--	Cadmium (Atomic Absorption, Furnace Technique)	7131A Rev 1 (9/94)
7140	--	--	--	--	Noticed for removal from SW-846	--	--	Calcium (Atomic Absorption, Direct Aspiration)	7140 Rev 0 (9/86)
7190	--	--	--	--	Noticed for removal from SW-846	--	--	Chromium (Atomic Absorption, Direct Aspiration)	7190 Rev 0 (9/86)
7191	--	--	--	--	Noticed for removal from SW-846	--	--	Chromium (Atomic Absorption, Furnace Technique)	7191 Rev 0 (9/86)
7195	--	--	--	--	--	--	--	Chromium, Hexavalent (Coprecipitation)	7195 Rev 0 (9/86)
7196	7196A	--	--	--	--	--	--	Chromium, Hexavalent (Colorimetric)	7196A Rev 1 (7/92)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
7197	--	--	--	--	--	--	--	Chromium, Hexavalent (Chelation/Extraction)	7197 Rev 0 (9/86)
7198	--	--	--	--	--	--	--	Chromium, Hexavalent (Differential Pulse Polarography)	7198 Rev 0 (9/86)
--	--	--	7199 (Up. III)	--	--	--	--	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography	7199 Rev 0 (12/96)
7200	--	--	--	--	Noticed for removal from SW-846	--	--	Cobalt (Atomic Absorption, Direct Aspiration)	7200 Rev 0 (9/86)
7201	--	--	--	--	Noticed for removal from SW-846	--	--	Cobalt (Atomic Absorption, Furnace Technique)	7201 Rev 0 (9/86)
7210	--	--	--	--	Noticed for removal from SW-846	--	--	Copper (Atomic Absorption, Direct Aspiration)	7210 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	7211	--	--	--	Noticed for removal from SW-846	--	--	Copper (Atomic Absorption, Furnace Technique)	7211 Rev 0 (7/92)
7380	--	--	--	--	Noticed for removal from SW-846	--	--	Iron (Atomic Absorption, Direct Aspiration)	7380 Rev 0 (9/86)
--	7381	--	--	--	Noticed for removal from SW-846	--	--	Iron (Atomic Absorption, Furnace Technique)	7381 Rev 0 (7/92)
7420	--	--	--	--	Noticed for removal from SW-846	--	--	Lead (Atomic Absorption, Direct Aspiration)	7420 Rev 0 (9/86)
7421	--	--	--	--	Noticed for removal from SW-846	--	--	Lead (Atomic Absorption, Furnace Technique)	7421 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	7430	--	--	--	Noticed for removal from SW-846	--	--	Lithium (Atomic Absorption, Direct Aspiration)	7430 Rev 0 (7/92)
7450	--	--	--	--	Noticed for removal from SW-846	--	--	Magnesium (Atomic Absorption, Direct Aspiration)	7450 Rev 0 (9/86)
7460	--	--	--	--	Noticed for removal from SW-846	--	--	Manganese (Atomic Absorption, Direct Aspiration)	7460 Rev 0 (9/86)
--	7461	--	--	--	Noticed for removal from SW-846	--	--	Manganese (Atomic Absorption, Furnace Technique)	7461 Rev 0 (7/92)
7470	--	7470A (Up. II)	--	--	--	--	--	Mercury in Liquid Waste (Manual Cold-Vapor Technique)	7470A Rev 1 (9/94)
7471	--	7471A (Up. II)	--	--	7471B	--	--	Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)	7471A Rev 1 (9/94)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	7472 (Up. III)	--	--	--	--	Mercury in Aqueous Samples and Extracts by Anodic Stripping Voltammetry (ASV)	7472 Rev 0 (12/96)
--	--	--	--	--	7473	--	--	Mercury in Solids and Solutions by Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry	Not Promulgated
--	--	--	--	--	7474	--	--	Mercury in Sediment and Tissue Samples by Atomic Fluorescence Spectrometry	Not Promulgated
7480	--	--	--	--	Noticed for removal from SW-846	--	--	Molybdenum (Atomic Absorption, Direct Aspiration)	7480 Rev 0 (9/86)
7481	--	--	--	--	Noticed for removal from SW-846	--	--	Molybdenum (Atomic Absorption, Furnace Technique)	7481 Rev 0 (9/86)
7520	--	--	--	--	Noticed for removal from SW-846	--	--	Nickel (Atomic Absorption, Direct Aspiration)	7520 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	7521 (Up. III)	--	Noticed for removal from SW-846	--	--	Nickel (Atomic Absorption, Furnace Method)	7521 Rev 0 (12/96)
7550	--	--	--	--	Noticed for removal from SW-846	--	--	Osmium (Atomic Absorption, Direct Aspiration)	7550 Rev 0 (9/86)
--	--	--	7580 (Up. III)	--	--	--	--	White Phosphorus (P <sub>4</sub> ) by Solvent Extraction and Gas Chromatography	7580 Rev 0 (12/96)
7610	--	--	--	--	Noticed for removal from SW-846	--	--	Potassium (Atomic Absorption, Direct Aspiration)	7610 Rev 0 (9/86)
7740	--	--	--	--	Noticed for removal from SW-846	--	--	Selenium (Atomic Absorption, Furnace Technique)	7740 Rev 0 (9/86)
7741	--	7741A (Up. II)	--	--	--	--	--	Selenium (Atomic Absorption, Gaseous Hydride)	7741A Rev 1 (9/94)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	7742 (Up. II)	--	--	--	--	--	Selenium (Atomic Absorption, Borohydride Reduction)	7742 Rev 0 (9/94)
7760	7760A	--	--	--	Noticed for removal from SW-846	--	--	Silver (Atomic Absorption, Direct Aspiration)	7760A Rev 1 (7/92)
--	7761	--	--	--	Noticed for removal from SW-846	--	--	Silver (Atomic Absorption, Furnace Technique)	7761 Rev 0 (7/92)
7770	--	--	--	--	Noticed for removal from SW-846	--	--	Sodium (Atomic Absorption, Direct Aspiration)	7770 Rev 0 (9/86)
--	7780	--	--	--	Noticed for removal from SW-846	--	--	Strontium (Atomic Absorption, Direct Aspiration)	7780 Rev 0 (7/92)
7840	--	--	--	--	Noticed for removal from SW-846	--	--	Thallium (Atomic Absorption, Direct Aspiration)	7840 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
7841	--	--	--	--	Noticed for removal from SW-846	--	--	Thallium (Atomic Absorption, Furnace Technique)	7841 Rev 0 (9/86)
7870	--	--	--	--	Noticed for removal from SW-846	--	--	Tin (Atomic Absorption, Direct Aspiration)	7870 Rev 0 (9/86)
7910	--	--	--	--	Noticed for removal from SW-846	--	--	Vanadium (Atomic Absorption, Direct Aspiration)	7910 Rev 0 (9/86)
7911	--	--	--	--	Noticed for removal from SW-846	--	--	Vanadium (Atomic Absorption, Furnace Technique)	7911 Rev 0 (9/86)
7950	--	--	--	--	Noticed for removal from SW-846	--	--	Zinc (Atomic Absorption, Direct Aspiration)	7950 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	7951	--	--	--	Noticed for removal from SW-846	--	--	Zinc (Atomic Absorption, Furnace Technique)	7951 Rev 0 (7/92)
8000	8000A	--	8000B (Up. III)	--	--	--	--	Determinative Chromatographic Separations	8000B Rev 2 (12/96)
8010	8010A	8010B (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Halogenated Volatile Organics by Gas Chromatography	Deleted from SW-846
--	8011	--	--	--	--	--	--	1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography	8011 Rev 0 (7/92)
8015	8015A	--	8015B	--	--	8015C	--	Nonhalogenated Organics Using GC/FID	8015B Rev 2 (12/96)
8020	--	8020A (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Aromatic Volatile Organics by Gas Chromatography	Deleted from SW-846
--	8021	8021A (Up. II)	8021B (Up. III)	--	--	--	--	Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors	8021B Rev 2 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
8030	8030A	--	Deleted from SW-846 (Up. III)	--	--	--	--	Acrolein and Acrylonitrile by Gas Chromatography	Deleted from SW-846
--	--	8031 (Up. II)	--	--	--	--	--	Acrylonitrile by Gas Chromatography	8031 Rev 0 (9/94)
--	--	8032 (Up. II)	8032A (Up. III)	--	--	--	--	Acrylamide by Gas Chromatography	8032A Rev 1 (12/96)
--	--	--	8033 (Up. III)	--	--	--	--	Acetonitrile by Gas Chromatography with Nitrogen-Phosphorus Detection	8033 Rev 0 (12/96)
8040	8040A	--	Deleted from SW-846 (Up. III)	--	--	--	--	Phenols by Gas Chromatography	Deleted from SW-846
--	--	--	8041 (Up. III)	--	--	8041A	--	Phenols by Gas Chromatography	8041 Rev 0 (12/96)
8060	--	--	Deleted from SW-846 (Up. III)	--	--	--	--	Phthalate Esters	Deleted from SW-846
--	--	8061 (Up. II)	8061A (Up. III)	--	--	--	--	Phthalate Esters by Gas Chromatography with Electron Capture Detection (GC/ECD)	8061A Rev 1 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	8070	--	8070A (Up. III)	--	--	--	--	Nitrosamines by Gas Chromatography	8070A Rev 1 (12/96)
8080	--	8080A (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	Deleted from SW-846
--	--	8081 (Up. II)	8081A (Up. III)	--	8081B  (Replaces IVA version)	8081B  (Replaces IVA version)	--	Organochlorine Pesticides by Gas Chromatography	8081A Rev 1 (12/96)
--	--	--	8082 (Up. III)	--	8082A  (Replaces IVA version)	8082A  (Replaces IVA version)	--	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	8082 Rev 0 (12/96)
				--		8085	--	Compound-independent Elemental Quantitation of Pesticides by Gas Chromatography with Atomic Emission Detection (GC/AED)	Not Promulgated
8090	--	--	Deleted from SW-846 (Up. III)	--	--	--	--	Nitroaromatics and Cyclic Ketones	Deleted from SW-846
--	--	--	8091 (Up. III)	--	--	--	--	Nitroaromatics and Cyclic Ketones by Gas Chromatography	8091 Rev 0 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	--	--	--	8095	--	Explosives by Gas Chromatography	Not Promulgated
8100	--	--	--	--	--	--	--	Polynuclear Aromatic Hydrocarbons	8100 Rev 0 (9/86)
--	8110	--	Deleted from SW-846 (Up. III)	--	--	--	--	Haloethers by Gas Chromatography	Deleted from SW-846
--	--	--	8111 (Up. III)	--	--	--	--	Haloethers by Gas Chromatography	8111 Rev 0 (12/96)
8120	--	8120A (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Chlorinated Hydrocarbons by Gas Chromatography	Deleted from SW-846
--	--	8121 (Up. II)	--	--	--	--	--	Chlorinated Hydrocarbons by Gas Chromatography: Capillary Column Technique	8121 Rev 0 (9/94)
--	--	--	8131 (Up. III)	--	--	--	--	Aniline and Selected Derivatives by Gas Chromatography	8131 Rev 0 (12/96)
8140	--	--	Deleted from SW-846 (Up. III)	--	--	--	--	Organophosphorus Pesticides	Deleted from SW-846

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	8141	8141A (Up. II)	--	--	8141B	8141B (Replaces IVA version)	--	8141A (Promulgated): Organophosphorus Compounds by Gas Chromatography: Capillary Column Technique  8141B (Draft Up. IVB): Organophosphorus Compounds by Gas Chromatography	8141A Rev 1 (9/94)
8150	8150A	8150B (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Chlorinated Herbicides by Gas Chromatography	Deleted from SW-846
--	--	8151 (Up. II)	8151A (Up. III)	--	--	--	--	Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivatization	8151A Rev 1 (12/96)
8240	8240A	8240B (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Deleted from SW-846
8250	--	8250A (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	Deleted from SW-846
--	8260	8260A (Up. II)	8260B (Up. III)	--	--	--	--	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	8260B Rev 2 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	--	--	--	8261	--	Volatile Organic Compounds by Vacuum Distillation in Combination with Gas Chromatography/Mass Spectrometry (VD/GC/MS)	Not Promulgated
--	--	--	--	--	--	--	8265 (3/02)	Volatile Organic Compounds in Water, Soil, Soil Gas and Air by Direct Sampling Ion Trap Mass Spectrometry (DSITMS)	Not Promulgated
8270	8270A	8270B (Up. II)	8270C (Up. III)	--	8270D	--	--	Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	8270C Rev 3 (12/96)
--	--	8275 (Up. II)	8275A (Up. III)	--	--	--	--	Semivolatile Organic Compounds (PAHs and PCBs) in Soils/Sludges and Solid Wastes Using Thermal Extraction/Gas Chromatography/Mass Spectrometry (TE/GC/MS)	8275A Rev 1 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
8280	--	--	8280A (Up. III)	--	8280B	--	--	8280A (Promulgated): The Analysis of Polychlorinated Dibenzo- <i>p</i> -Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/Low Resolution Mass Spectrometry (HRGC/LRMS)  8280B (Draft Up. IVA): Polychlorinated Dibenzo- <i>p</i> -Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/Low Resolution Mass Spectrometry (HRGC/LRMS)	8280A Rev 1 (12/96)
--	--	8290 (Up. II)	--	--	8290A	--	--	Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by High-Resolution Gas Chromatography/High-Resolution Mass Spectrometry (HRGC/HRMS)	8290 Rev 0 (9/94)
8310	--	--	--	--	--	--	--	Polynuclear Aromatic Hydrocarbons	8310 Rev 0 (9/86)
--	--	8315 (Up. II)	8315A (Up. III)	--	--	--	--	Determination of Carbonyl Compounds by High Performance Liquid Chromatography (HPLC)	8315A Rev 1 (12/96)
--	--	8316 (Up. II)	--	--	--	--	--	Acrylamide, Acrylonitrile and Acrolein by High Performance Liquid Chromatography (HPLC)	8316 Rev 0 (9/94)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	8318 (Up. II)	--	--	--	8318A	--	N-Methylcarbamates by High Performance Liquid Chromatography (HPLC)	8318 Rev 0 (9/94)
--	--	8321 (Up. II)	8321A (Up. III)	--	8321B	8321B (Replaces IVA version)	--	Solvent-Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection	8321A Rev 1 (12/96)
--	--	--	8325 (Up. III)	--	--	--	--	Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Particle Beam/Mass Spectrometry (HPLC/PB/MS)	8325 Rev 0 (12/96)
--	--	8330 (Up. II)	--	--	8330A	--	--	Nitroaromatics and Nitramines by High Performance Liquid Chromatography (HPLC)	8330 Rev 0 (9/94)
--	--	8331 (Up. II)	--	--	--	--	--	Tetrazene by Reverse Phase High Performance Liquid Chromatography (HPLC)	8331 Rev 0 (9/94)
--	--	--	8332 (Up. III)	--	--	--	--	Nitroglycerine by High Performance Liquid Chromatography	8332 Rev 0 (12/96)
--	--	8410 (Up. II)	--	--	--	--	--	Gas Chromatography/Fourier Transform Infrared (GC/FT-IR) Spectrometry for Semivolatile Organics: Capillary Column	8410 Rev 0 (9/94)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	8430 (Up. III)	--	--	--	--	Analysis of Bis(2-chloroethyl) Ether and Hydrolysis Products by Direct Aqueous Injection GC/FT-IR	8430 Rev 0 (12/96)
--	--	--	8440 (Up. III)	--	--	--	--	Total Recoverable Petroleum Hydrocarbons by Infrared Spectrophotometry	8440 Rev 0 (12/96)
				--		8510	--	Colorimetric Screening Procedure for RDX and HMX in Soil	Not Promulgated
--	--	--	8515 (Up. III)	--	--	--	--	Colorimetric Screening Method for Trinitrotoluene (TNT) in Soil	8515 Rev 0 (12/96)
--	--	--	8520 (Up. III)	--	--	--	--	Continuous Measurement of Formaldehyde in Ambient Air	8520 Rev 0 (12/96)
--	--	--	--	--	--	8535	--	Screening Procedure for Total Volatile Organic Halides in Water	Not Promulgated
--	--	--	--	--	--	8540	--	Pentachlorophenol by UV-induced Colorimetry	Not Promulgated
--	--	--	--	--	9000	--	--	Determination of Water in Waste Materials by Karl Fischer Titration	Not Promulgated
--	--	--	--	--	9001	--	--	Determination of Water in Waste Materials by Quantitative Calcium Hydride Reaction	Not Promulgated
9010	9010A	--	9010B (Up. III)	9010C	--	--	--	Total and Amenable Cyanide: Distillation	9010B Rev 2 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
9012	--	--	9012A (Up. III)	9012B	--	--	--	Total and Amenable Cyanide (Automated Colorimetric, with Off-line Distillation)	9012A Rev 1 (12/96)
--	9013	--	--	--	--	--	--	Cyanide Extraction Procedure for Solids and Oils	9013 Rev 0 (7/92)
--	--	--	9014 (Up. III)	--	--	--	--	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide	9014 Rev 0 (12/96)
9020	9020A	9020B (Up. II)	--	--	--	--	--	Total Organic Halides (TOX)	9020B Rev 2 (9/94)
--	9021	--	--	--	--	--	--	Purgeable Organic Halides (POX)	9021 Rev 0 (7/92)
9022	--	--	--	--	--	--	--	Total Organic Halides (TOX) by Neutron Activation Analysis	9022 Rev 0 (9/86)
--	--	--	9023 (Up. III)	--	--	--	--	Extractable Organic Halides (EOX) in Solids	9023 Rev 0 (12/96)
9030	9030A	--	9030B (Up. III)	--	--	--	--	Acid-Soluble and Acid-Insoluble Sulfides: Distillation	9030B Rev 2 (12/96)

## SW-846 METHOD STATUS TABLE (10/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	9031	--	--	--	--	--	--	Extractable Sulfides	9031 Rev 0 (7/92)
--	--	--	9034 (Up. III)	--	--	--	--	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides	9034 Rev 0 (12/96)
9035	--	--	--	--	--	--	--	Sulfate (Colorimetric, Automated, Chloranilate)	9035 Rev 0 (9/86)
9036	--	--	--	--	--	--	--	Sulfate (Colorimetric, Automated, Methylthymol Blue, AA II)	9036 Rev 0 (9/86)
9038	--	--	--	--	--	--	--	Sulfate (Turbidimetric)	9038 Rev 0 (9/86)
9040	--	9040A (Up. II)  9040B (Up. IIB)	--	9040C	--	--	--	pH Electrometric Measurement	9040B Rev 2 (1/95)
9041	9041A	--	--	--	--	--	--	pH Paper Method	9041A Rev 1 (7/92)

## SW-846 METHOD STATUS TABLE (8/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
9045	9045A	9045B (Up. II)  9045C (Up. IIB)	--	9045D	--	--	--	Soil and Waste pH	9045C Rev 3 (1/95)
9050	--	--	9050A (Up. III)	--	--	--	--	Specific Conductance	9050A Rev 1 (12/96)
--	--	9056 (Up. II)	--	--	--	9056A	--	Determination of Inorganic Anions by Ion Chromatography	9056 Rev 0 (9/94)
--	--	--	9057 (Up. III)	--	--	--	--	Determination of Chloride from HCl/Cl <sub>2</sub> Emission Sampling Train (Methods 0050 and 0051) by Anion Chromatography	9057 Rev 0 (12/96)
				--		9058	--	Determination of Perchlorate Using Ion Chromatography with Chemical Suppression Conductivity Detection	Not Promulgated
9060	--	--	--	9060A	--	--	--	Total Organic Carbon	9060 Rev 0 (9/86)
9065	--	--	--	--	--	--	--	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)	9065 Rev 0 (9/86)
9066	--	--	--	--	--	--	--	Phenolics (Colorimetric, Automated 4-AAP with Distillation)	9066 Rev 0 (9/86)

## SW-846 METHOD STATUS TABLE (8/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
9067	--	--	--	--	--	--	--	Phenolics (Spectrophotometric, MBTH with Distillation)	9067 Rev 0 (9/86)
9070	--	--	9070 Title and text replaced with referral to Method 1664 (Up. IIIA)	9070A (Suffix and title added)	--	--	--	9070 (Final Update IIIA): No title 9070A (Prop. Up. IIIB): n-Hexane Extractable Material (HEM) for Aqueous Samples  Text refers reader to Method 1664: n-Hexane Extractable Material (HEM; Oil and Grease) and Silica Gel Treated n-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry	The current promul-gated version of Method 1664 <sup>1</sup> is Rev. A
9071	--	9071A (Up. II)	9071B (Up. IIIA)	--	--	--	--	n-Hexane Extractable Material (HEM) for Sludge, Sediment, and Solid Samples	9071B Rev 2 (4/98)
--	--	--	--	--	9074	--	--	Turbidimetric Screening Method for Total Recoverable Petroleum Hydrocarbons in Soil	Not Promulgated

<sup>1</sup> Method 1664 (EPA Publication No. EPA-821-R-98-002) is available via the Internet at <http://www.epa.gov/OST>. It is also available from the National Technical Information Service (NTIS), NTIS Publication No. PB99-121949 (call 703-605-6000 or 800-553-6847).

## SW-846 METHOD STATUS TABLE (8/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	9075 (Up. II)	--	--	--	--	--	Test Method for Total Chlorine in New and Used Petroleum Products by X-Ray Fluorescence Spectrometry (XRF)	9075 Rev 0 (9/94)
--	--	9076 (Up. II)	--	--	--	--	--	Test Method for Total Chlorine in New and Used Petroleum Products by Oxidative Combustion and Microcoulometry	9076 Rev 0 (9/94)
--	--	9077 (Up. II)	--	--	--	--	--	Test Methods for Total Chlorine in New and Used Petroleum Products (Field Test Kit Methods)	9077 Rev 0 (9/94)
--	--	--	9078 (Up. III)	--	--	--	--	Screening Test Method for Polychlorinated Biphenyls in Soil	9078 Rev 0 (12/96)
--	--	--	9079 (Up. III)	--	--	--	--	Screening Test Method for Polychlorinated Biphenyls in Transformer Oil	9079 Rev 0 (12/96)
9080	--	--	--	--	--	--	--	Cation-Exchange Capacity of Soils (Ammonium Acetate)	9080 Rev 0 (9/86)
9081	--	--	--	--	--	--	--	Cation-Exchange Capacity of Soils (Sodium Acetate)	9081 Rev 0 (9/86)
9090	9090A	--	--	--	--	--	--	Compatibility Test for Wastes and Membrane Liners	9090A Rev 1 (7/92)

## SW-846 METHOD STATUS TABLE (8/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
9095	--	--	9095A (Up. III)	9095B	--	--	--	Paint Filter Liquids Test	9095A Rev 1 (12/96)
--	--	9096 (Up. II)	--	--	--	--	--	Liquid Release Test (LRT) Procedure	9096 Rev 0 (9/94)
9100	--	--	--	--	--	--	--	Saturated Hydraulic Conductivity, Saturated Leachate Conductivity, and Intrinsic Permeability	9100 Rev 0 (9/86)
9131	--	--	--	--	--	--	--	Total Coliform: Multiple Tube Fermentation Technique	9131 Rev 0 (9/86)
9132	--	--	--	--	--	--	--	Total Coliform: Membrane-Filter Technique	9132 Rev 0 (9/86)
9200	--	--	Deleted from SW-846 (Up. III)	--	--	--	--	Nitrate	Deleted from SW-846
--	--	--	9210 (Up. III)	--	--	9210A	--	Potentiometric Determination of Nitrate in Aqueous Samples with Ion-Selective Electrode	9210 Rev 0 (12/96)
--	--	--	9211 (Up. III)	--	--	--	--	Potentiometric Determination of Bromide in Aqueous Samples with Ion-Selective Electrode	9211 Rev 0 (12/96)

## SW-846 METHOD STATUS TABLE (8/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	--	9212 (Up. III)	--	--	--	--	Potentiometric Determination of Chloride in Aqueous Samples with Ion-Selective Electrode	9212 Rev 0 (12/96)
--	--	--	9213 (Up. III)	--	--	--	--	Potentiometric Determination of Cyanide in Aqueous Samples and Distillates with Ion-Selective Electrode	9213 Rev 0 (12/96)
--	--	--	9214 (Up. III)	--	--	--	--	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode	9214 Rev 0 (12/96)
--	--	--	9215 (Up. III)	--	--	--	--	Potentiometric Determination of Sulfide in Aqueous Samples and Distillates with Ion-Selective Electrode	9215 Rev 0 (12/96)
--	--	--	--	--	9216	--	--	Potentiometric Determination of Nitrite in Aqueous Samples with Ion-Selective Electrode	Not Promulgated
9250	--	--	--	--	--	--	--	Chloride (Colorimetric, Automated Ferricyanide AAI)	9250 Rev 0 (9/86)
9251	--	--	--	--	--	--	--	Chloride (Colorimetric, Automated Ferricyanide AII)	9251 Rev 0 (9/86)
9252	--	9252A (Up. II)	Deleted from SW-846 (Up. III)	--	--	--	--	Chloride (Titrimetric, Mercuric Nitrate)	Deleted from SW-846

## SW-846 METHOD STATUS TABLE (8/02), CONTINUED

Note: The date in parenthesis is the date found at the bottom right-hand corner of the method.

METHOD NUMBER								METHOD TITLE	CURRENT PROMUL-GATED METHOD
THIRD ED (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FIN. UP. III (12/96) IIIA (4/98)	PROP. UP. IIIB (8/02)	DRAFT UP. IVA (1/98)	DRAFT UP. IVB (11/00)	OTHER NEW SW-846 METHODS		
--	--	9253 (Up. II)	--	--	--	--	--	Chloride (Titrimetric, Silver Nitrate)	9253 Rev 0 (9/94)
9310	--	--	--	--	--	--	--	Gross Alpha and Gross Beta	9310 Rev 0 (9/86)
9315	--	--	--	--	--	--	--	Alpha-Emitting Radium Isotopes	9315 Rev 0 (9/86)
9320	--	--	--	--	--	--	--	Radium-228	9320 Rev 0 (9/86)
HCN Test Meth.	HCN Test Meth.	HCN Test Method (Up. II)	HCN Test Method (Up. III)	Proposed Removal from SW-846	--	--	--	Test Method to Determine Hydrogen Cyanide Released from Wastes	Guidance Only Rev 3 (12/96)
H <sub>2</sub> S Test Meth.	H <sub>2</sub> S Test Meth.	H <sub>2</sub> S Test Method (Up. II)	H <sub>2</sub> S Test Method (Up. III)	Proposed Removal from SW-846	--	--	--	Test Method to Determine Hydrogen Sulfide Released from Wastes	Guidance Only Rev 3 (12/96)

## STATUS TABLE FOR SW-846 CHAPTER TEXT AND OTHER DOCUMENTS

Note: The date in parenthesis is the date found at the bottom right hand corner of the document.

TITLE	THIRD ED. (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FINAL UP. III (12/96) IIIA 4/98)	DRAFT UP. IVA	DRAFT UP. IVB	PROP UP. IIIB	CURRENT FINAL VERSION
Disclaimer	--	✓	--	✓ (Up. III)	--	--	--	Rev 1 (12/96)
Abstract	✓	✓	✓ (Up. II)	--	--	--	--	Rev 2 (9/94)
Table of Contents	✓	✓	✓ (Up. II & IIB)	✓ (Up. III & IIIA)	✓	✓ (Replaces IVA version)	✓	Rev 5 (4/98)
Method Index and Conversion Table	✓	--	--	--	--	--	--	Rev 0 (9/86)
Preface and Overview	✓	--	--	✓ (Up. III)	--	--	--	Rev 1 (12/96)
Acknowledgments	✓	--	--	--	--	--	--	Rev 0 (9/86)
Chapter One -- Quality Control	✓	✓	--	--	--		--	Rev 1 (7/92)
Chapter Two -- Choosing the Correct Procedure	✓	✓	✓ (Up. II)	✓ (Up. III)	✓	✓ (Replaces IVA version)	--	Rev 3 (12/96)
Chapter Three -- Inorganic Analytes	✓	✓	✓ (Up. II)	✓ (Up. III)	✓	✓ (Replaces IVA version)	--	Rev 3 (12/96)
Chapter Four -- Organic Analytes	✓	--	✓ (Up. II)	✓ (Up. III)	✓	✓ (Replaces IVA version)	--	Rev 3 (12/96)

TITLE	THIRD ED. (9/86)	FINAL UP. I (7/92)	FIN. UP. II (9/94) IIA (8/93) IIB (1/95)	FINAL UP. III (12/96) IIIA 4/98)	DRAFT UP. IVA	DRAFT UP. IVB	PROP UP. IIIB	CURRENT FINAL VERSION
Chapter Five -- Miscellaneous Test Methods	✓	--	✓ (Up. II)	✓ (Up. III & IIIA)	✓	✓ (Replaces IVA version)	✓	Rev 3 (4/98)
Chapter Six -- Properties	✓	--	✓ (Up. II & IIB)	✓ (Up. III)	--	✓	✓	Rev 2 (12/96)
Chapter Seven -- Characteristics Introduction and Regulatory Definitions	✓	✓	✓ (Up. II)	✓ (Up. III)	--	--	✓	Rev 3 (12/96)
Chapter Eight --Methods for Determining Characteristics	✓	--	✓ (Up. II)	✓ (Up. III)	--	--	✓	Rev 2 (12/96)
Chapter Nine -- Sampling Plan	✓	--	--	--	--	--	--	Rev 0 (9/86)
Chapter Ten -- Sampling Methods	✓	--	--	✓ (Up. III)	--	✓	--	Rev 2 (12/96)
Chapter Eleven -- Ground Water Monitoring	✓	--	--	--	--	--	--	Rev 0 (9/86)
Chapter Twelve -- Land Treatment Monitoring	✓	--	--	--	--	--	--	Rev 0 (9/86)
Chapter Thirteen -- Incineration	✓	--	--	--	--	--	--	Rev 0 (9/86)
Appendix -- Company References	✓	--	--	--	--	--	--	Rev 0 (9/86)